

Datasheet for ABIN7596744

GP146 protein (DYKDDDDK Tag, Strep Tag)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	GP146
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Synthetic Nanodisc
Purification tag / Conjugate:	DYKDDDDK Tag, Strep Tag
Application:	Cryogenic electron microscopy (cryo-EM), ELISA, Immunogen (Imm), Phage Display (PhD), Surface Plasmon Resonance (SPR)

Product Details

Purpose:	Human GP146-Strep full length protein-synthetic nanodisc
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Target Details

Target:	GP146
Background:	PGR8 Orphan receptor.[UniProtKB/Swiss-Prot Function]
Molecular Weight:	The human full length GP146-Strep protein has a MW of 36.6 kDa
UniProt:	Q96CH1

Application Details

Comment:	Advantages:
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Application Details

- Highly purified membrane proteins
- High solubility in aqueous solutions
- High stability
- Proteins are in a native membrane environment and remain biologically active
- No detergent and can be used for cell-based assays
- No MSP backbone proteins
- Mammalian cell expression system ensures post- translational modifications

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	Solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
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Storage:	-20 °C,-80 °C
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Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
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Expiry Date:	12 months
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